

# JFW

---

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

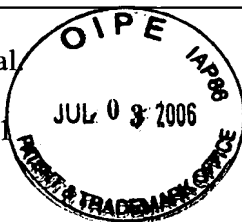
---

In re application of: Lee et al.

Application No.: 10/649,351

Filed: August 26, 20003

Title: METHOD FOR REDUCING  
TUNGSTEN FILM ROUGHNESS AND  
IMPROVING STEP COVERAGE



Attorney Docket No.:  
NOVLP033X1/NVLS-2498X1

Examiner: Pham, Thanhha S.

Group: 2813

---

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on June 29, 2006 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed: \_\_\_\_\_

Tara Hayden

**INFORMATION DISCLOSURE STATEMENT  
BEFORE FINAL ACTION OR NOTICE OF ALLOWANCE  
(37 CFR §§ 1.56 AND 1.97(c))**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, a copy of which is attached, may be material to examination of the above-identified patent application. Applicants submit this reference in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make this citation of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that this reference indeed constitutes prior art.

This Information Disclosure Statement is being filed after the mailing date of the first Office Action on the merits, or after three months of the filing date of this application, whichever event occurred last, but it is believed before the mailing date of either: (i) a final action under §1.113 or (ii) a notice of allowance under §1.311, whichever occurs first.

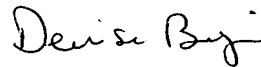
Accompanying this Information Disclosure Statement is

- ☐ a statement as specified in 37 CFR 1.97(e); or
- ☒ the fee set forth in 37 CFR 1.17(p).

If fees are due, enclosed is our Check No. 12124 for \$180.00 in payment of the Information Disclosure Statement Fee. If it is determined that any additional fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. NOVLP033X1).

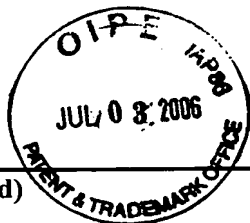
Respectfully submitted,

BEYER WEAVER & THOMAS, LLP



Denise S. Bergin  
Registration No. 50,581

P.O. Box 70250  
Oakland, CA 94612-0250



<b>Form 1449 (Modified)</b>  <b>Information Disclosure Statement By Applicant</b>  (Use Several Sheets if Necessary)	Atty Docket No. NOVLP033X1/NVLS- 2498X1 Applicant: Lee et al. Filing Date August 26, 2003	Application No.: 10/649,351   Group 1762
--	---	---

#### U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A1	2001/0008808	07.2001	Gonzalez, Fernando			
	A2	2001/0014533	08.2001	Sun, Shih-Wei			
	A3	2001/0044041	11.2001	Badding et al.			
	A4	2001/0015494	08.2001	Ahn, Kie Y.			

#### Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No

#### Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	C1	U.S. Office Action mailed May 17, 2006, from U.S. Application No. 10/984,126 [NOVLP058D1/NVLS-2732D1].
	C2	U.S. Office Action mailed April 17, 2006, from U.S. Application No. 10/815,560 [NOVLP096/NVLS-2902].
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.